

Comparisons of Job Characteristics

Focus Occupation: [Computer Systems Analysts \(15-1051\)](#)

Associated Occupation: [Business Operations Specialists, All Other \(13-1199\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 37

Focus Occupation: Computer Systems Analysts (15-1051)

Associated Occupation: Business Operations Specialists, All Other (13-1199)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	17.6	1.7	<< Extensive education and/or training may be required
Clerical	7.3	11.3	11.8	0 Current knowledge level may be sufficient
Sales and Marketing	5.2	10.4	5.2	<< Extensive education and/or training may be required
Physics	4.3	9.9	2.9	<< Extensive education and/or training may be required
Design	5.2	9.6	8.1	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Computer Systems Analysts (15-1051)

Associated Occupation: Business Operations Specialists, All Other (13-1199)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Judgment and Decision Making	9.4	11.6	12.2	0 Current skill level may be sufficient
Systems Analysis	6.5	10.5	12.6	> Skill level is likely sufficient
Mathematics	6.2	10.2	9.7	0 Current skill level may be sufficient
Systems Evaluation	6.4	9.9	12.7	>> Skill level is likely more than sufficient
Operations Analysis	5.0	9.3	10.6	> Skill level is likely sufficient
Science	4.5	9.0	8.0	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: Computer Systems Analysts (15-1051)					
Associated Occupation: Business Operations Specialists, All Other (13-1199)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	13.6	13.9	0	Current ability level may be sufficient
Written Expression	9.8	13.5	11.8	<	Some improvement in abilities may be required
Written Comprehension	11.0	13.2	13.9	0	Current ability level may be sufficient
Oral Expression	12.4	12.8	13.1	0	Current ability level may be sufficient
Problem Sensitivity	11.1	11.9	13.2	>	Current ability level is likely sufficient
Mathematical Reasoning	6.3	11.6	10.3	<	Some improvement in abilities may be required
Number Facility	6.3	11.6	9.6	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	5.8	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 71
Focus Occupation: Computer Systems Analysts (15-1051) Associated Occupation: Business Operations Specialists, All Other (13-1199)		
Tools and Technologies	Exclusivity	
Business function specific software	1	
Computers	1	
Content authoring and editing software	1	
Content management software	6	
Data management and query software	1	
Industry specific software	1	
Network applications software	1	
Personal communication devices	2	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.